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Spring 1-2016

### AHXR 270.01: Radiographic Registry Review

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# MISSOULA COLLEGE UNIVERSITY OF MONTANA

## DEPARTMENT OF RADIOLOGY TECHNOLOGY

### COURSE SYLLABUS

**COURSE NUMBER AND TITLE:** AHXR 270 Radiographic Registry Review

**DATE REVISED:** Spring 2016

**CLASS TIME:** Monday 10:10-12:00 HB 17, Beginning March 21, 2016

**SEMESTER CREDITS:** 2

**PREREQUISITES:** AHXR 100 Introduction to Diagnostic Imaging, AHXR 140 Radiographic Methods, SCN 202N Anatomy and Physiology, AHXR 240 Radiological Methods II, AHXR 121 Radiographic Imaging I, AHXR 195 Radiographic Clinical: I, AHXR 195 Radiographic Clinical: II, AHXR 221 Radiographic Imaging II, AHXR 225 Radiobiology/Radiation Protection, AHXR 195 Radiographic Clinical: III

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**Phone:** 243-7809  
**Office:** AD 07  
**Office Hours:** By appointment

**RELATIONSHIP TO PROGRAM:** This course provides a computerized assessment and classroom review for the ARRT certification examination.

**COURSE DESCRIPTION:** The course will consist of readings, multiple testing, testing strategies, and review utilizing multiple, published radiology review texts. We will also be requiring your participation in a 16 hour, 2 day Kettering Review course.

#### **STUDENT PERFORMANCE OUTCOMES:**

Upon completion of this course, the student will be able to:

1. Successfully pass the American Registry Radiologic Technology certification test to become a Certified Radiologic Technologist.

## **STUDENT PERFORMANCE ASSESSMENT METHODS AND GRADING PROCEDURES:**

### **Grading scale:**

**93-100 A**

**90-92 A-**

**87-89 B+**

**83-86 B**

**80-82 B-**

**79-70 C**

**69-60 D**

**ATTENDANCE AND EVALUATION POLICY:** You will not be required to attend class until March 21, at the scheduled time of Mondays from 10:10 – 12:00 in HB17. Students will be required to read the assigned chapter beginning on January 25<sup>th</sup>. You will also be required to do a 100 question practice exam from Rad Review Easy using the section of the Prep book we are studying for the week. You must email me your practice exam by Friday at 5:00 PM on the week they are assigned.

Once we begin face-to-face class, all students are expected to come to class each day, prepared by having reviewed the required chapter in the Radiography Prep text. You will again be required to take a 100 question practice test on the assigned chapter. Please print out the results of your quiz to be handed in on the Monday of the week they are assigned. Exams that are over 1 week late or not handed in will receive a 0.

The first 30 to 50 minutes of class, students will answer randomly selected questions from the Lange Q & A book; therefore all students must bring their exam book to class each Monday. After all students have completed their exam, students will form small groups to go over the exam to discuss which answers are correct/incorrect and the reason why. The exam questions and answers will then be reviewed with the entire class. Remember that this is your opportunity to discuss difficult concepts with lively discussions. All students are encouraged to assist in answering questions that arise and arguing your point. I will be in class to facilitate discussion answer questions and make accessible the texts that you have used.

I will try to have a radiologist come to class occasionally during the 11:00 to 12:00 hour to go over interesting cases and answer your questions. The radiologists are busy therefore, we may only have one or two.

Grades will be determined by total points received on the computerized tests that are handed in, class participation and a comprehensive final that will be a mock board test using the *Mosby' Comprehensive Review of Radiography*. You should begin reading this review book along with the Radiology Prep book however, you will not need to work with the online examinations until after spring break. I encourage you to begin taking practice tests on line at [elsevier.com](http://elsevier.com) after spring break so you are completely comfortable with the material when it is time to take the final.

This semester we are be inviting Kettering Seminars to do a two-day workshop for Radiology Registry Review. Your deposit for the course will be paid out of course fees, however there may be additional costs that we will alert you to as soon as we have been informed.

Below is the Program Agenda. Date and venue will also be announced.

## Program Agenda

<b>DAY 1</b>	
8:00 - 8:30	Registration & Introduction
8:30 - 8:50	<b>Pre-Test</b>
8:50 - 9:00	Break
9:00 - 10:30	<b>Equipment Operation and Quality Control - 1</b>
10:30 - 10:40	Break
10:40 - Noon	<b>Equipment Operation and Quality Control - 2</b>
Noon - 1:00	Lunch (not included)
1:00 - 2:30	<b>Radiographic Procedures - 1</b>
2:30 - 2:40	Break
2:40 - 4:00	<b>Radiographic Procedures - 2</b>
4:00 - 4:10	Break
4:10 - 5:30	<b>Patient Care and Education</b>
<b>DAY 2</b>	
8:00 - 9:30	<b>Image Acquisition and Evaluation - 1</b>
9:30 - 9:40	Break
9:40 - 10:40	<b>Image Acquisition and Evaluation - 2</b>
10:40 - 10:50	Break
10:50 - 11:30	<b>Image Acquisition and Evaluation - 3</b>
11:30 - 12:30	Lunch (not included)
12:30 - 1:50	<b>Radiation Protection</b>
1:50 - 2:30	<b>Test Taking Skills / Evaluations</b>

Rad Review quizzes	50%
Class Participation	10%
Final:	<u>40%</u>
Total:	100%

**Note: Students must pass this course with a “B” (80%) in order to graduate from the Radiology Technology Program.**

**ATTENDANCE POLICY:** All students are expected to come to class each day, on time and prepared by having read the required chapters. Class participation is expected and may impact grades that are borderline.

All students need to be familiar with the Student Conduct Code. The Code is available for review online at [http://life.umt.edu/vpsa/student\\_conduct.php](http://life.umt.edu/vpsa/student_conduct.php) .

Eligible students with disabilities will receive appropriate accommodations in this course when requested in a timely way. Please speak with me after class or in my office. Please be prepared to provide a letter from your DSS Coordinator.

**REQUIRED TEXT:** *Lange Q&A for the Radiology Examination, 9th Edition, Radiography Prep, 7th Edition, On-line Rad Review Easy* (information for signing up is on the cover),

*Mosby' Comprehensive Review of Radiography: The complete Study Guide and Career Planner, 6<sup>th</sup> edition*

<b>DATE</b>	<b>READING ASSIGNMENT</b>	<b>ONLINE-IN CLASS after March 21<sup>st</sup></b>	<b>PROJECT DUE</b> <i>Print out of 100 questions, RAD Review Easy</i>
<b>Jan 25</b>			
<b>Feb 1</b>	Part 1 Radiography Prep, Patient Care	Random question from chapter 1, Lange Q&A	Patient Care
<b>Feb 8</b>	Part 2 Radiography Prep, Radiographic Procedures	Random question from chapter 2, Lange Q&A	Radiographic Procedures
<b>Feb 15</b>	<b>President's Day</b> Part 2 Radiography Prep, Radiographic Procedures	Random question from chapter 2, Lange Q&A	Radiographic Procedures
<b>Feb 22</b>	Part 3 Radiography Prep, Radiation Protection	Random question from chapter 3, Lange Q&A	Radiation Protection
<b>Feb 29</b>	Part 4 Radiography Prep, Image Production and Evaluation	Random question from chapter 4, Lange Q&A	Image Production
<b>Mar 7</b>	Part 5 Radiography Prep, Equipment Operation	Random question from chapter 5, Lange Q&A	Equipment Operation
<b>Mar 14</b>	Part 5 Radiography Prep, Equipment Operation	Random question from chapter 5, Lange Q&A	Equipment Operation
<b>Mar 21</b>	Class Begins 10:10- 12:00 HB 17	Random question from chapter 1, Lange Q&A	Patient Care
<b>Mar 28</b>	Part 2 Radiography Prep, Radiographic Procedures	Random question from chapter 2, Lange Q&A	Radiographic Procedures
<b>Apr 4</b>	<b>Spring Break</b>	<b>Spring Break</b>	<b>Spring Break</b>
<b>Apr 11</b>	Part 3 Radiography Prep, Radiation Protection	Random question from chapter 3, Lange Q&A	Radiation Protection
<b>Apr 18</b>	Part 4 Radiography Prep, Image Production and Evaluation	Random question from chapter 4, Lange Q&A	Image Production
<b>Apr 22</b>	Part 5 Radiography Prep, Equipment Operation	Random question from chapter 5, Lange Q&A	Equipment Operation
<b>May 2</b>	Part 5 Radiography Prep, Equipment Operation	Random question from chapter 5, Lange Q&A	Equipment Operation
<b>Finals Week</b>			